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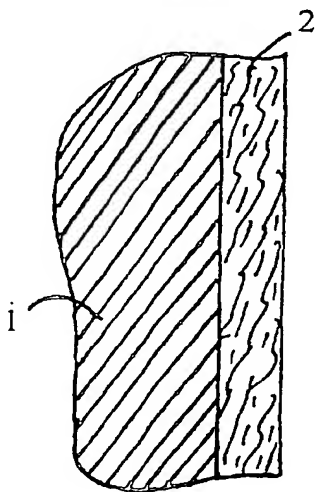
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(54) Title: SYSTEM FOR A DENTAL FILLING MATERIAL OR IMPLANT MATERIAL, AND POWDERED MATERIAL, HY-
DRATION LIQUID, IMPLANT MATERIAL AND METHOD OF ACHIEVING BONDING



(57) **Abstract:** A system for a dental filling material or an implant material, alternatively a system for bonding between a tooth or a bone and a dental filling material and a im-
plant material, respectively, which system comprises a water based hydration liquid and
a powdered material, the binder phase of which powdered material essentially consisting
of a calcium based cement system, which powdered material has the capacity following
saturation with the liquid reacting with the binder phase to hydrate to a chemically bonded
ceramic material. According to the invention, said powdered material and/or said hydra-
tion liquid comprises water soluble phosphate or a phase that has the capacity to form
water soluble phosphate, whereby the system exhibits the capacity during hydration to
form apatite. The invention also relates to the powdered material and the hydration liquid
as such, an implant material and a method of achieving bonding.